

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  IA 814-02WO	<b>FOR FURTHER ACTION</b> <div style="text-align: right; font-size: small;">see Form PCT/ISA/220 as well as, where applicable, item 5 below.</div>	
International application No.  PCT/EP2004/011840	International filing date (day/month/year)  20/10/2004	(Earliest) Priority Date (day/month/year)  24/10/2003
Applicant  INTERNATIONAL UNIVERSITY BREMEN GMBH		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

INTER-CELL INTERFERENCE MITIGATION TECHNIQUE USING RESERVATION INDICATORS

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 3

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☒ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L12/56 H04B7/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04B H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/041584 A1 (SASHIHARA TOSHIYUKI) 11 April 2002 (2002-04-11) abstract page 1, left-hand column, line 1 - page 2, right-hand column, line 16 page 3, left-hand column, line 5 - right-hand column, line 16 page 5, left-hand column, line 35 - line 44 page 6, left-hand column, line 36 - line 38 claim 1 figures 5,8 ----- -/--	1-17

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*8\* document member of the same patent family

Date of the actual completion of the international search

22 February 2005

Date of mailing of the international search report

01/03/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 400 698 B1 (SHAHEEN KAMEL) 4 June 2002 (2002-06-04) abstract column 2, line 32 - line 46 column 3, line 22 - column 4, line 28 column 5, line 40 - column 7, line 42 -----	1-17
A	US 2002/080768 A1 (GARCIA-LUNA-ACEVES J.J ET AL) 27 June 2002 (2002-06-27) abstract paragraph '0010! - paragraph '0019! claims 1,17 figure 4c -----	1-17
A	US 2003/002449 A1 (RITTLE LOREN J ET AL) 2 January 2003 (2003-01-02) abstract paragraph '0028! - paragraph '0034! paragraph '0038! - paragraph '0039! figure 1 -----	1-17

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/011840

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2002041584	A1	11-04-2002	JP	3518597 B2	12-04-2004
			JP	2002118875 A	19-04-2002
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US 6400698	B1	04-06-2002	NONE		
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US 2002080768	A1	27-06-2002	AU	8644701 A	25-02-2002
			WO	0215485 A1	21-02-2002
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US 2003002449	A1	02-01-2003	WO	03005630 A2	16-01-2003
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